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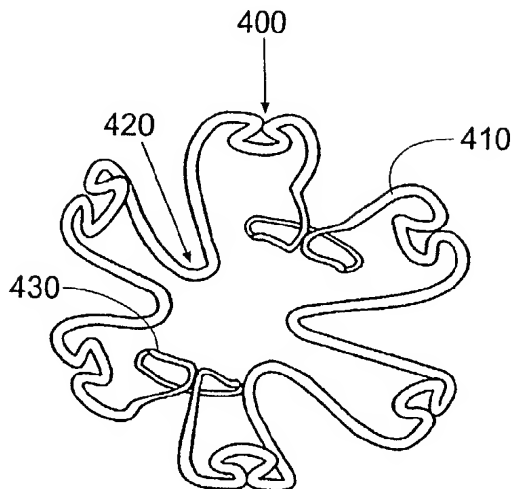
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(54) Title: DEVICES FOR RETAINING NATIVE HEART VALVE LEAFLET



(57) Abstract: Devices (400), systems and methods retain a native heart valve leaflet to prevent retrograde flow. The devices (410), systems, and methods employ and implant that in use rest adjacent a valve annulus and includes a retaining structure (420) that is sized and shaped to overlay at least a portion of one or more native valve leaflets. The retaining structure retains the leaflet or leaflets it overlays to resist leaflet eversion and/or prolapse. In this way, the implant prevents or reduces regurgitation. The implant does not interfere significantly with the opening of and blood flow through the leaflets during periods of antegrade flow.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/30833

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61F 2/24

US CL : 623/2.1, 2.14, 2.16, 2.18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 623/2.1, 2.14, 2.16, 2.18

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,454,799 B1 (Schreck) 24 September 2002, (24.09.2002) col. 5-13, and figures 1 and 7	1-18
Y	US 2002/0138138 A1 (Yang) 26 September 2002 (26.9.2002), sections. [0051-0103].	1-8
Y	US 2002/0123802 A1 (Snyders) 05 September 2002 (05.09.2002), sections [0037-0084]	1-18
Y	US 2001/0021872 A1 (Bailey et al.) 13 September 2001 (13.09.2001), sections [0046-0075]	1-18
Y	US 2001/0010017 A1 (Letac et al.) 26 July 2001 (26.07.2001), sections [0017-0182]	1-18

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☐ See patent family annex.

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"P" document published prior to the international filing date but later than the priority date claimed	

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